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DEPARTMENT OF NATURAL RESOURCES

Division of Oil, Gas & Mining

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Inspection Report

Supervisor 

Minerals Regulatory Program

Date of Report: May 4, 2007

Mine Name: Reef

Operator Name: Castle Valley Stone

Permit number: S0150094

Inspection Date: April 12, 2007

Time: 10:45-11:05 AM

Inspector(s): Paul Baker

Other Participants: None

Mine Status: Mostly reclaimed

Weather: Cloudy, 40s

Elements of Inspection

	Evaluated	Comment	Enforcement
1. Permits, Revisions, Transfer, Bonds	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2. Public Safety (shafts, adits, trash, signs, highwalls)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3. Protection of Drainages / Erosion Control	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4. Deleterious Material	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5. Roads (maintenance, surfacing, dust control, safety)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
6. Concurrent Reclamation	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
7. Backfilling/Grading (trenches, pits, roads, highwalls, shafts, drill holes)	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
8. Water Impoundments	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
9. Soils	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
10. Revegetation	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
11. Air Quality	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
12. Other	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Purpose of Inspection:

After an inspection on December 15, 2006, I recommended that certain grading work be done and that the site be seeded. I wanted to see whether this work had been done.

Inspection Summary:

7. Backfilling/Grading (trenches, pits, roads, highwalls, shafts, drill holes)

As far as I could determine, no grading was done in response to my recommendations after the most recent inspection. Photos 1 and 2 are overviews of much of the site. Waste was graded over most of the area, but there are some areas where the underlying rock is exposed. The waste was not feathered. Rather, it begins and ends abruptly. There are still several pallets of stone and compacted areas over which people have been driving.

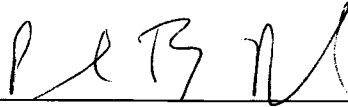
10. Revegetation

I was able to find seed scattered over the disturbed area, and I also found a few seedlings. I believe the seedlings are volunteers, but I am not certain.

Conclusions and Recommendations:

If the operator is truly reclaiming this site, the palletized stone needs to be removed, compacted areas ripped, the waste feathered into areas with no waste or soil, and since much of the site will be redisturbed, much of it will need to be seeded again.

Inspector's Signature



Date:

5/10/07

PBB:pb

cc: Tracy Burnham, Castle Valley Stone
John Blake, SITLA

Attachment: Photos

P:\GROUPS\MINERALS\WP\M015-Emery\S0150094-Reef\inspections\ins-04122007.doc

ATTACHMENT

Photographs

S0150094, Reef Mine, Castle Valley Stone

Inspection Dated: April 12, 2007; Report Dated: May 4, 2007



Photo 1. Near the center of this picture are several pallets of stone, and one can also see compacted areas over which people continue to drive.



Photo 2. Note how the waste material on the left of this photo ends suddenly. The area to the right of the waste is exposed bedrock.



Photo 3. Waste was pushed over the edge of this cliff.